

Transportation Acronym Guide



Montana Department of Transportation
Rail, Transit and Planning Division
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Introduction

The Montana Department of Transportation (MDT) developed this guide to help Montana citizens decipher the confusing and seemingly endless acronyms associated with transportation planning and programs.

MDT will update this guide regularly since new acronyms appear almost daily. MDT's internet Web site (www.mdt.mt.gov) will always have the most current version. If you would like additional copies of this publication or have suggestions for additional acronyms call 444-3423, 800-714-7296 or TTY 800-335-7592 or the Montana Relay at 711.

#

3Cs Continuing, Comprehensive, Cooperative
3R Restoration, Rehabilitation, and Resurfacing
4R 3R + Reconstruction

A

AAA American Automobile Association
AADL Annual Average Daily Loading
AADT Annual Average Daily Traffic
AADTT Annual Average Daily Traffic Totals
AADW Annual Average Days of the Week
AAMA American Automobile Manufacturers Association
AAMVA American Association of Motor Vehicle Administrators
AAPA American Association of Port Authorities
AAR Association of American Railroads
AASHO Former name of AASHTO
AASHTO American Association of State Highway and Transportation Officials
AAWDT Annual Average Weekday Traffic
AAWET Annual Average Weekend Traffic
ABA American Bus Association
ABS Antilock Braking System
AC Asphalt Concrete
ACC Adaptive Cruise Control
ACEC American Consulting Engineers Council
ACI Automatic Cargo Identification
ACI American Concrete Institute
ACPA American Concrete Pavement Association
ACS Automatic Clearance Sensing
ACTS American Coalition for Traffic Safety Inc.
AD Administrative District
ADA Americans With Disabilities Act

ADI..... Automatic Driver Identification
 ADIS..... Advanced Driver Information Systems
 ADL..... Average Daily Load
 ADT..... Average Daily Traffic
 AHS..... Automated Highway System
 AICP..... American Institute of Certified Planners
 ALAPCO..... Association of Local Air Pollution Control Officials
 ALF..... Accelerated Loading Facility
 AMFA..... Alternative Motor Fuels Act (1988)
 AMPD..... Average Miles Driven per Day
 AMPO..... Association of Metropolitan Planning Organizations
 AMRL..... AASHTO Materials Reference Lab
 ANPRM..... Advanced Notice of Proposed Rulemaking
 ANSI..... American National Standards Institute
 APC..... Automated Passenger Counting
 APCA..... American Portland Cement Alliance
 APTA..... American Public Transit Association
 APTS..... Advanced Public Transportation Systems
 APWA..... American Public Works Association
 ARAN..... Automatic Road Analyzer
 ARI..... Average Ride Index
 ART..... Applied Research and Technology
 ARTBA..... American Road and Transportation Builders Association
 ARTS..... Advanced Rural Transportation System
 ASCE..... American Society of Civil Engineers
 ASTM..... American Society for Testing and Materials
 ATA..... American Trucking Associations
 ATC..... Automated Toll Collection
 ATIS..... Advanced Traveler Information Systems
 ATMS..... Advanced Traffic Management Systems
 ATR..... Automatic Traffic Recorder
 ATS..... American Travel Survey (BTS/Census)
 ATSAC..... Automated Traffic Surveillance and Control System (LA)
 ATSSA..... American Traffic Safety Services Association
 AVC..... Automatic Vehicle Classification
 AVCG..... Advanced Vehicle Control/Guidance

AVCI..... Automatic Vehicle and Cargo Identification
AVCS Advanced Vehicle Control Systems
AVI Automatic Vehicle Identification
AVL Automatic Vehicle Location
AVLS..... Automatic Vehicle Location System
AVM..... Automatic Vehicle Monitoring
AVMT Annual Vehicle Miles of Travel
AVO Average Vehicle Occupancy
AVR Average Vehicle Ridership
AVW Automatic Vehicle Weighing

B

BAMS..... Bid Analysis Management System
BIA Bureau of Indian Affairs
BLCR..... Bridge Load Capacity Rating
BLM Bureau of Land Management
BMCS..... Bureau of Motor Carrier Safety
BMS Bridge Management System
BNSF..... Burlington Northern Santa Fe
BPR..... Bureau of Public Roads
BR Bridge Replacement and Rehabilitation Program
(federal funds)
BST Bituminous Surface Treated
BTS Bureau of Transportation Statistics
BWIM Bridge Weigh-in-Motion

C

CA Cooperative Agreement
CAA Clean Air Act
CAAA Clean Air Act Amendments of 1990
CAD Computer-Aided Dispatching
CADD Computer-Aided Drafting and Design

CADRE Critical Automated Data Reporting Elements (NHTSA)
 CAFE Corporate Average Fuel Efficiency
 CAO Chief Administrative Officer
 CARB..... California Air Resources Board
 CARD Crash Avoidance Research Data (NHTSA)
 CatEx Categorical Exclusion
 C/B Cost-Benefit
 CBD..... Central Business District
 CCD..... Charge-Coupled Device (optical-electrical sensor)
 CCIR..... Consultative Committee for International Radio
 CCT Computer Compatible Tape
 CDL..... Commercial Driver's License
 CDO Crescent Demonstration Operator
 CDP..... Census Designated Place
 CE Construction Engineering
 CERF..... Civil Engineering Research Foundation (ASCE)
 CERL..... Construction Engineering Research Laboratory (COE)
 CFC Chlorofluorocarbon
 CFO Chief Financial Officer
 CFR Code of Federal Regulations
 CFS Commodity Flow Survey (= CTS)
 CG..... Coordinating Group
 CHRIS Chemical Hazard Response Information System
 CI..... Congestion Index
 CIH..... Compensated Intercompany Hauling
 CIM Classification-in-Motion
 CIMA Construction Industry Manufacturers Association
 CL..... Carload
 CLC Concentrated Load Capacity
 CLF..... Conservation Law Foundation
 C/M Climate/Materials
 CMAQ..... Congestion Mitigation and Air Quality Improvement
 CMP Congestion Management Program
 CMS Changeable Message Sign
 CMS Construction Management System
 CMSA..... Consolidated Metropolitan Statistical Area

CMV Commercial Motor Vehicle
 CN Construction
 CNG Compressed Natural Gas
 CNTS..... Center for National Truck Statistics (UMTRI)
 CO Carbon Monoxide
 COE..... Corps of Engineers (U.S. Army)
 COFC..... Container-on-Flatcar
 COG Council of Government
 CoMS..... Congestion Management System
 COTS..... Commercial off-the-Shelf
 CP Cathodic Protection
 CRASH Citizens for Reliable and Safe Highways
 CRC..... Continuously Reinforced Concrete
 CSO..... Council of Standards Organizations
 CTAA Community Transportation Association of America
 CTEP Community Transportation Enhancement Program
 (Montana Program)
 CTIPS Comprehensive Transportation Information and Planning
 System
 CTPP Census Transportation Planning Package
 CTS Commodity Transportation Survey
 CUTC..... Council of University Transportation Centers
 CVIS Commercial Vehicle Information System
 CVO Commercial Vehicle Operations
 CVSA Commercial Vehicle Safety Alliance
 CWIM Continuous Weigh-in-Motion

D

D Depth (slab thickness)
 DA District Administrator
 DDHV Directional DHV, vph
 DEAL Design Equivalent Axle Load
 DESAL..... Design Equivalent Single-Axle Load
 DEQ..... Department of Environmental Quality (Montana)

D-factor..... Peak Directional Volume (as percent DHV)
 DHTM..... Design Hour Turning Movements
 DHV..... Design Hour Volume = $K * AADT$
 (usually 30th highest hour)
 DIM Dimension in Motion
 DIME..... Dual Incidence Matrix Encoded Files (like TIGER but
 1980)
 DIN..... Deutsches Institut fur Normung
 DL Driver Licensing
 DOR Department of Roads
 DOT..... Department of Transportation
 DRGS..... Dynamic Route Guidance System
 DRP..... Data Review Package
 DVKT..... Daily Vehicle Kilometers of Travel
 DVMT Daily Vehicle Miles Traveled

E

EA..... Environmental Assessment
 EAL..... Equivalent Axle Load(ing)
 EAS Essential Air Service
 EBL Electronic Bill of Lading (or placarding)
 EDS..... Electronic Data Sharing
 EF..... Equivalent Single-Axel Load Factor
 EIA..... Electronic Industries Association
 EIA..... Energy Information Administration
 EIA..... Environmental Impact Assessment
 EIS Emergency Information System
 EIS Environmental Impact Statement
 EIT..... Engineer in Training
 ELP Electronic License Plate
 EMS Equipment Management System
 EPA Environmental Protection Agency
 EPACT National Energy Policy Act (1992)
 ER Emergency Relief Program

ERG..... Emergency Response Guidebook
ESAL Equivalent Single-Axle Load
ETA..... Expected Time of Arrival
ETC Electronic Toll Collection
ETC Environmental Training Center
ETG Expert Task Group
ETTM..... Electronic Toll and Traffic Management
EV..... Electric Vehicle
EWL Equivalent Wheel Load

F

F&PB..... Family and Personal Business Travel
FAA..... Federal Aviation Administration
FAI..... Federal-Aid Interstate
FAP Federal-Aid Primary (eliminated by ISTEA)
FARS Fatal Accident Reporting System (NHTSA)
FAS Federal-Aid Secondary (eliminated by ISTEA)
FAU Federal-Aid Urban (eliminated by ISTEA)
FC Functional Classification
FD Financial District
FEBBS..... FHWA Electronic Bulletin Board System
FET..... Federal Excise Tax
FFY..... Federal Fiscal Year
FH Forest Highways
FHMR..... Federal Hazardous Materials Regulations
FHWA..... Federal Highway Administration
FIP..... Federal Implementation Plan
FLHP Forest Lands Highway Program
FMC Federal Maritime Commission
FMC Fleet Management and Control
FMCSA..... Federal Motor Carrier Safety Administration
FMCSR..... Federal Motor Carrier Safety Regulations
FMIS Fiscal Management Information System
FMVCP Federal Motor Vehicle Control Program

FOIL Federal Outdoor Impact Laboratory
FONSI Finding of No Significant Impact
FRA Federal Railroad Administration
FS..... Forest Service
FTA..... Federal Transit Administration (formerly UMTA)
FTP..... Federal Test Procedure (EPA mpg)
FUT Fuel Use Tax
FWD Falling Weight Deflectometer
FY..... Fiscal Year

G

GCP..... Ground Control Point
GCW..... Gross Combination Weight
GDS Geometric Designs Standards
GES..... General Estimates System (NHTSA)
GIS Geographic Information System
GLCTTR..... Great Lakes Center of Truck Transportation Research
GOE..... General Operating Expenses
GPS..... General Pavement Studies/Sections
GPS..... Global Positioning System
GRF..... Grants for Research Fellowships
GRIDS Geographical Roadway Information Display System
GRS..... Grid Reference System
GRV..... Graveled
GVW Gross Vehicle Weight
GVWR Gross Vehicle Weight Rating (max weight)

H

HAR..... Highway Advisory Radio
HC Hydrocarbons
HCAADT Heavy Commercial AADT
HCAS..... Highway Cost Allocation Study

HCM..... Highway Capacity Manual (TRB)
 HD..... Headway Detection
 HEAT Highway Economic Analysis Tool
 HEEP..... Highway Engineering Exchange Program
 HELP..... Heavy Vehicle Electronic License Plate (Crescent)
 HERS Highway Economic Requirements System
 HETP..... Highway Engineer Training Program
 HF Highway Finance
 HGV..... Heavy Goods Vehicle
 HH..... Household
 HIAP Highway Investment Analysis Package
 HITEC..... Highway Innovative Technology Evaluation Center
 HM Hazardous Materials
 HMR..... Hazardous Materials Regulation
 HNDES..... Highway Network Design and Evaluation System
 HOV..... High Occupancy Vehicle
 HPA..... High Priority Area
 HP&R Highway Planning and Research
 HPMS..... Highway Performance Monitoring System
 HPNPA High Priority National Program Area
 HPR..... Highway Planning and Research
 HRR High Risk Rural Roads
 HSIP Highway Safety Improvement Program
 HSIRS Highway Statistics Information Retrieval System
 HSIS..... Highway Safety Information System
 HSP High Speed Photographs
 HSWIM..... High Speed Weigh-in-Motion
 HTF Highway Trust Fund
 HTFS Highway Traffic Forecasting System
 HTIMS..... Highway Technology Information Management System
 HUD Heads-Up Display
 HUF Highway Users Federation
 HUFSAM HUF for Safety and Mobility
 HV Heavy Vehicle
 HVM..... Heavy Vehicle Management
 HVUT..... Heavy Vehicle Use Tax

- I..... Interstate
- IAG Interagency Agreement
- IANA Intermodal Association of North America
- I&M Inspection and Maintenance
- IBTTA International Bridge, Tunnel and Turnpike Association
- IC..... Incidental Construction
- ICMP Interagency Committee on Metric Policy
- IDEA Innovations Deserving Exploratory Analysis
- IEEE Institute of Electrical and Electronics Engineers, Inc.
- IFF..... Intermodal Freight Facility
- IFME International Federation of Municipal Engineers
- IFTA..... International Fuel Tax Agreement
- IHSD Interactive Highway Safety Design
- IIHS Insurance Institute for Highway Safety
- ILD Induction Loop Detector
- IM..... Interstate Maintenance Program (federal funds)
- IMC Interstate Motor Carrier
- IMS Incident Management System
- IMS Information Management System (SHRP = NPDB)
- IMS Intermodal Management System
- IPWF International Public Works Federation
- IR Indian Reservation
- IRF International Road Federation
- IRI International Roughness Index
- IRP International Registration Plan
- IRPTS..... Intercity and Rural Passenger Transportation Study
- IRR..... Indian Reservation Roads
- IRTE Integrated Road Transport Environment
- IS..... Interstate System
- ISCTA Intermodal Safe Container Transportation Act (1992)
- ISO International Standards Organization

ISTEA Intermodal Surface Transportation Efficiency Act
ISWIM Intermediate Speed Weigh-in-Motion
IT Information Technology
ITE..... Institute of Transportation Engineers
ITM..... Information Technology Manager (General Services Administration)
ITS..... Institute of Transportation Studies (University of California–Berkeley)
ITS..... Intelligent Transportation System
ITSA..... Intelligent Transportation Society of America
ITSP International Technology Scanning Program
IUPT International Union of Public Transport
IVHS..... Intelligent Vehicle–Highway Systems
IVS In-Vehicle Signing

J

Jct Junction
JIT Just-in-Time

K

K-factor..... Peak-Hour Volume (e.g., DHV/ADT)
KIP(S)..... Kilopound(s)
KMPT Kilometerpoint
KRA..... Kingpin-to-Rear Axle

L

L&D..... Loss and Damage
LCCA Life Cycle Cost Analysis
LCL..... Less-Than-Container Load
LCS Lane Control Signal

LCV Larger/Longer Combination Vehicle
LDP Level of Development Plan
LDVS Larger Dimensioned Vehicle Study
LEF Load Equivalency Factor
LMS Location and Monitoring Service
LOS Level of Service
LPG Liquefied Petroleum Gas
LRFA Local Rail Freight Assistance
LRFD Load and Resistance Factor Design
LRS Linear Referencing System
LRT Light Rail Transit
LSF Load Safety Factor
LSWIM Low-Speed Weigh in Motion (< 10 mph)
LT Left Turn
LTAP Local Technical Assistance Program
LTL Less Than Truckload
LTPP Long-Term Pavement Performance (SHRP)

M

M85 Methanol 85%, Gasoline 15%
MA Metropolitan Area
MA Minor Arterial
MACI Montana Air and Congestion Initiative
MACO Montana Association of Counties
MADT Monthly Average Daily Traffic
MADW Monthly Average Days of the Week (Traffic)
MARAD Maritime Administration
MAWDT Monthly Average Weekday Traffic
MAWET Monthly Average Weekend Traffic
MCA Montana Code Annotated
MCA Montana Contractors' Association
MCARS Motor Carrier Accident Reporting System
MCMIS Motor Carrier Management Information System
MCR Monthly Classification Ratio

MCREGIS... Motor Carrier Regulation Information System
 MCS Motor Carrier Services
 MCSAP Motor Carrier Safety Assistance Program
 MDD Multi-Depth Deflectometers
 MDT Montana Department of Transportation
 MEPA Montana Environmental Policy Act
 MFRS Mileage Facilities Reporting System
 MIT Mobile Inspection Trailer
 ML Mainline
 MMS Maintenance Management System
 MMCA Montana Motor Carrier's Association
 MOA Memorandum of Agreement
 MOE Measure of Effectiveness
 MOM Montana Operating Manual
 MOV Multiple-Occupant Vehicle
 MOU Memorandum of Understanding
 MP Milepost
 MPO Metropolitan Planning Organization
 MRL Montana Rail Link
 MRM Mileage Reference Marker
 MR TMA Missoula-Ravalli Transportation Management
 Association
 MSA Metropolitan Statistical Area
 MSF Maximum Service Flow Rate, pcphpl
 MSO Manufacturer's Statement of Origin
 MTA Montana Transit Association
 MTC Minimum Tolerable Conditions
 MTC Montana Transportation Commission
 MTMC Military Traffic Management Command
 MTP Montana Transportation Partnership
 MTR Monthly Traffic Ratio
 MTRI Montana Tourism and Recreation Initiative
 MTT Multi-Trailer Truck
 MUD Multi-Use Development
 MUTCD Manual on Uniform Traffic Control Devices
 MUTD Missoula Urban Transportation District

MV Motor Vehicles
MVM Million Vehicle Miles
MVMA Motor Vehicle Manufacturers Association
MWR..... Monthly Weight Ratio
MY..... Model Year

N

NAAQNA..... National Ambient Air Quality Nonattainment Area
NAAQS National Ambient Air Quality Standards
NACE..... National Association of County Engineers
NACO National Association of County Officials
NAE..... National Academy of Engineering
NAFTA North American Free Trade Agreement
NAGHSR National Association of Governors Highway Safety
Representatives
NAPA..... National Asphalt Pavement Association
NAPCOM.... National Pavement Cost Model
NARC National Association of Regional Councils
NAS..... National Academy of Sciences
NASS..... National Accident Sampling System
NATS North American Trucking Survey (AAR)
NBI..... National Bridge Inventory
NCAP..... New Car Assessment Program (NHTSA)
NCEER National Center for Earthquake Engineering Research
NCHRP..... National Cooperative Highway Research Program
NCP..... Nationally Coordinated Program (of highway RD&T)
NCPD National Corridor Planning and Development Program
NCSA..... National Center for Statistics and Analysis (NHTSA)
NCSL..... National Conference of State Legislatures
NC-UTCD .. National Committee on Uniform Traffic Control Devices
NCUTLO National Committee on Uniform Traffic Laws and
Ordinances

NCWM National Conference on Weights and Measures
 NDR National Drivers Register
 NDT..... Non-Destructive Testing
 NEMA..... National Electrical Manufacturers Association
 NEPA..... National Environmental Policy Act (1969)
 NGA..... National Governors Association
 NGRS..... National Geodetic Reference System
 NGV..... Natural Gas Vehicle
 NGVC Natural Gas Vehicle Coalition
 NH..... National Highway (federal funds)
 NHI..... National Highway Institute
 NHIPS National Highway Inventory and Performance Study
 NHPN..... National Highway Planning Network
 NHS National Highway System
 NHTSA National Highway Traffic Safety Administration
 NIMC..... National Incident Management Coalition
 NIMS..... National Information Management System
 (SHRP = NPDB)
 NI-NHS..... Non-Interstate National Highway System
 NITL National Industrial Transportation League
 NITS National Intercity/Intercounty Travel Survey
 NLC..... National League of Cities
 NMCAC National Motor Carrier Advisory Committee
 NMT Nonmotorized Transport
 NOX..... Nitrogen Oxides
 NPDB National Pavement Database (SHRP)
 NPRM Notice of Proposed Rulemaking
 NPTC..... National Private Truck Council
 NPTS..... Nationwide Personal Transportation Study
 NQI..... National Quality Initiative
 NRC National Research Council
 NSB..... National Scenic Byways
 NSC..... National Safety Council
 NSDI National Spatial Data Infrastructure

NSMA..... National Scale Manufacturers Association
NSPE..... National Society of Professional Engineers
NTACS..... Nationwide Truck Activity and Commodity Survey
NTCIP..... National Transportation Communications for ITS
Protocol
NTDB National Traffic Database (SHRP)
NTIA National Telecommunications and Information
Administration
NTIS National Technical Information Service
NTP National Transportation Policy
NTS National Travel Statistics
NTSB..... National Transportation Safety Board
NTSC..... National Transportation Systems Center (was TSC)
NTSPS..... National Transportation Strategic Planning Study
NTTIS National Truck Trip Information Survey
NVF New Vehicle Fleet
NVPP..... National Vehicle Population Profile (Polk)

0

O&M Operations and Maintenance
OBC..... On-Board Computer
O/D Origin/Destination
OEM Original Equipment Manufacturer
OFE Other Freeway and Expressway
OHIM..... Office of Highway Information Management
OMB..... Office of Management and Budget
OOIDA Owner-Operator Independent Drivers Association
OOS..... Out of Service
OPA Other Principal Arterial
OPI Overall Performance Index
OST Office of Secretary of Transportation

P

P.....	Terminal Serviceability
P ³	Performance Programming Process
PA	Principal Arterial
P&R.....	Planning and Research
PAR	Police Accident Report
PAS	Principal Arterial System
PATH.....	Program on Advanced Technology for the Highway
PC	Passenger Car
PCA	Portland Cement Association
PCC.....	Policy Coordinating Committee
PCC.....	Portland Cement Concrete
PCE	PC Equivalent
PCI	Pavement Condition Index
PCPH.....	Passenger Cars per Hour
PCPHPL	Passenger Cars per Hour per Lane
PCR.....	Pavement Condition Rating
PDC.....	Portable Data Carrier (smart tag)
PE	Preliminary Engineering
PE	Professional Engineer
PFR	Preliminary Field Review
PHF	Peak Hour Factor
PHMS.....	Pipelines and Hazardous Materials Safety Administration
PHS.....	Primary Highway System (Montana)
PI.....	Principal Investigator
PIARC.....	Permanent International Association of Road Congresses
PIERS.....	Port Import/Export Report Service
PIH	Pan-American Institute of Highways
PL.....	Metropolitan Planning Funds
PL.....	Performance Level

PLH Public Lands Highways
PM Particulate Matter
PM-2.5 Particulate Matter Under 2.5 microns
PM-10 Particulate Matter Under 10 microns
PMCG..... Pavement Management Coordinating Group
PMS Pavement Management System
PMS Plant Mix Surfacing
PMSA..... Primary Metropolitan Statistical Area
PMT Person Miles of Travel
PNDS Primary and NI-NHS Data Summary
POE..... Port of Entry
PPA Project Plan Agreement
PPMS..... Program and Project Management System
PR Park Roads and Parkways
PR Procurement Request
PRM..... Proposed Rulemaking
PS&E..... Plans, Specifications and Estimates
PS/C Prestressed Concrete
PSR..... Pavement Serviceability Rating
PSU Primary Sampling Unit
Pt Terminal Serviceability Index (asphalt)
PTC Permanent Traffic Counter
PTF..... Pavement Testing Facility
PTMS Public Transportation Management System
PTR Permanent Traffic Recorder
PTRC..... Planning and Transport Research and Computation
PTW Present Travel Way
PUD..... Planned Unit Development
PvMS Pavement Management System
PWIM Portable Weigh-in-Motion

R&D Research and Development
R&R Restoration and Rehabilitation
RB Rigid Body
RCI Roadway Congestion Index
RCOC Regional Coordinating Office Contractor (SHRP)
RCU..... Roadside Communicator Unit
RD&T Research, Development and Technology
RD&T2 Research Development and Test Transfer
RDF..... Reliability Design Factor
RDS..... Radio Data System
RDSS Radio Determination Satellite Services
RDTE..... Research, Development, Test and Evaluation
RF Reference Post
RFP Request for Proposal
RIMS..... Regional Information Management System (SHRP)
RIN..... Regulatory Identification Number
RMS..... Road Mix Surfacing
RMU..... Research Management Unit
ROD Record of Decision
ROW..... Right-of-Way
RQCS Reference Quarter Car Simulation
RR Refuge Roads
RRI Reference Roughness Index
RSPA..... Research and Special Programs Administration
RT Right Turn
RTAP Rural Transit Assistance Program
RTCC..... Research and Technology Coordinating Committee
RTCG..... Research and Technology Coordinating Group
RTDB Regional Traffic Database (LTPP)
RTEB..... Research and Technology Executive Board
RTI Road Transport Informatics
RTOR..... Right Turn on Red
RTP Recreational Trails Program
RTP Regional Transportation Plan

RTPC..... Research and Technology Program Committee
RTRRM Response Type Road Roughness Meter
RVIA Recreation Vehicle Industry Association
R/W Right-of-Way
RWIM..... Roadway Weigh-in-Motion
RWIS..... Road Weather Information Systems

S

SAC Suburban Activity Center
SAE Society of Automotive Engineers
SAFETEA-LU Safe, Accountable, Flexible, and Efficient Transportation Equity Act—A Legacy for Users
SAW..... Surface Acoustic Wave
SBIR Small Business Innovation Research
SCM..... State, County and Municipal
SCOP Standing Committee on Planning (AASHTO)
SCOR..... Standing Committee on Research
SCORN Standing Committee on Route Naming
SCORT Standing Committee on Rail Transportation
SCP..... Safety Conscious Planning
SDO Standards Development Organizations
SEB Stateline Entry Beacon
SEE..... Social, Economic and Environmental factors
SF Service Flow Rate, vph
SFC..... State Funded Construction
SFL Service Flow Rate per Lane, vphpl
SFY State Fiscal Year
SHA State Highway Agency
SHAWS..... Safety Hazard Advance Warning System
SHPO..... State Historical Preservation Officer (Montana)
SHRP..... Strategic Highway Research Program
SHS Secondary Highway System (Montana)

SHSP..... State Strategic Highway Safety Planning
 SHV Specialized Hauling Vehicle
 SIAP..... System Impact Action Process
 SIP State Implementation Plan
 SLSDC..... Saint Lawrence Seaway Development Corporation
 SMS Safety Management System
 SMS Space Mean Speed (harmonic average)
 SN Asphalt strength
 SN Structural Number
 SNPRM Supplemental Notice of Proposed Rule Making
 SOP..... State of the Practice
 SOW..... Scope of Work
 SPR..... State Planning and Research
 SPS Special Pavement Studies
 SRO..... Site Specific/Related/Other (SHRP code)
 SRTS..... Safe Routes to School
 SSD..... Stopping Sight Distance
 SSO Single State Only
 STA State Transportation Agency
 STAA Surface Transportation Assistance Act (1982)
 STAPPA..... State and Territorial Air Pollution Program Administrators
 STARS..... State Truck Activities Reporting System
 STB Surface Transportation Board
 STEAM Surface Transportation Efficiency Analysis System
 STIP Statewide Transportation Improvement Program
 STP Surface Transportation Program (federal funds)
 STPE Surface Transportation Program Enhancements
 STPHS..... Surface Transportation Program Hazard Elimination
 Program
 STPP Surface Transportation Policy Project
 STPP Surface Transportation Program-Primary
 STPRP..... Surface Transportation Program Rail/Highway Crossing
 Protective Devices Program
 STPRR..... Surface Transportation Program Rail/Highway: Elimina-

tion of Hazard Program

STPS Surface Transportation Program–Secondary

STPU Surface Transportation Program–Urban

STPX Surface Transportation Program for Other Routes (off-system)

STRS Strategic Transportation Research Study

STT Single-Trailer Truck

SU Single-Unit Truck

SVRD Single-Vehicle Roadway Departure (accident)

SWIM Slow Speed Weigh-in-Motion

T

T2 Technology Transfer

T&E Test and Evaluation

T-factor Truck Percent in DHV

TAC Technical Advisory Committee

TAC Transportation Association of Canada

TAD Traffic Accident Data

TAP Transportation Awareness Program

TAR Transportation Acquisition Regulation

TAWSE Try Another Way State Employees Group

TAZ Traffic Analysis Zone

TBD To Be Determined

TCC Transportation Computer Center

TCC Transportation Coordinating Committee

TCDH Traffic Control Devices Handbook

TCM Transportation Control Measure

TCP Tentative Construction Plan/Program

TCP Traffic Control Plan

TCRP Transit Cooperative Research Program

TCSP Transportation and Community and System Preservation Pilot Program

TDB..... Traffic Database (SHRP)
 TDC..... Travel Data Center
 TDCS..... Traffic Data Collection Section
 TDM..... Transportation Demand Management
 TEA-21..... Transportation Equity Act for the 21st Century
 TEBA..... Transportation Employees Benefit Association
 TERO..... Tribal Employment Rights Office
 TERO..... Tribal Employment Rights Ordinance
 TFCU..... Transportation Federal Credit Union
 TFHRC..... Turner-Fairbank Highway Research Center
 TFT..... Tractor Full-Trailer
 THS..... Territorial Highway System
 TIA..... Telecommunications Industries Association
 TIA..... Traffic Impact Analysis
 TIFA..... Trucks Involved in Fatal Accidents (UMTRI)
 TIGER..... Topologically Integrated Geographic Encoding and
 Referencing
 TIN..... Traffic Information Network
 TIP..... Transportation Improvement Program
 TIP..... Trucking Industry Profile (Polk)
 TIS..... Transportation Information System
 TIUS..... Truck Inventory and Use Survey
 T/L..... Traffic/Load
 TL..... Truckload
 TMA..... Transportation Management Association
 TMC..... Traffic Management Center
 TMDL..... Total Maximum Daily Load
 TMDS..... Traffic Monitoring Data Software
 TMG..... Traffic Monitoring Guide
 TMS..... Time Mean Speed (arithmetic average)
 TOC..... Traffic Operations Center
 TOD..... Time of Day
 TOFC..... Trailer-on-Flatcar
 TONS..... Transportation Office Network System

TRB Transportation Research Board (of the NRC)
 TRDF Texas Research and Development Foundation
 TRED Transportation Regional Economic Development
 TRED Theodore Roosevelt Expressway Development
 TRF Transportation Research Forum
 TRI Trucking Research Institute (ATA)
 TRIP The Road Information Program
 TRIS Transportation Research Information Services
 TRO Trip Reduction Ordinance
 TRRL Transportation Road Research Laboratory
 TSC Transportation Systems Center (Now NTSC)
 TSM Transportation System Management
 TST Tractor Semi-Trailer
 TTI Texas Transportation Institute
 TVT Traffic Volume Trends
 TWC Two-Way Communication
 TWS Truck Weight Study
 TYC Traffic Yearly Counts

U

UA Urban Area
 UBOA United Bus Owners of America
 UC Urban Cluster
 UCBITS University of California–Berkeley Institute of
 Transportation Studies
 UHPIP Urban Highway Pilot Improvement Program
 UHS Urban Highway System (Montana)
 UIIA Uniform Intermodal Interchange Agreement
 UMTRI University of Michigan Transportation Research Institute
 UPN Uniform Project Number
 UPWP Unified Planning Work Program
 USC United States Code

USCC United States Chamber of Commerce
USCOE United States Army Corps of Engineers
USDOT United States Department of Transportation
USFS United States Forest Service
USFWS United States Fish and Wildlife Services
UTC Urban Traffic Control
UTCS Urban Traffic Control System
UTPS Urban Transportation Planning System
UZA Urbanized Area

V

V Design Speed
V Hourly volume, vph or vphpl
VAN Value Added Network
V/C Volume/Capacity
VDT Vehicle Distance Traveled
VE Value Engineering
VHD Vehicle-Hours of Delay
VHT Vehicle-Hours of Travel
VIDS Video Incident Detection System
VIN Vehicle Identification Number
VIP Video Image Processing
VKT Vehicle-Kilometers of Travel
VM Vehicle-Miles
VMS Variable Message Sign
VMT Vehicle-Miles of Travel
VO Vehicle Occupancy
VOC Volatile Organic Compounds
VPD Vehicles per Day
VPH Vehicles per Hour
VPHPL Vehicles per Hour per Lane
VRC Vehicle/Roadside Communications

VS..... Vehicle Speed
VSC..... Variable Speed Control
V/SF Volume/Service Flow
VTC..... Volume to Capacity
VTRIS..... Vehicle Travel Information System

W

WASHTO..... Western Association of State Highway and
Transportation Officials
WAVM..... Wide-Area Vehicle Monitoring
WCTR World Conference on Transport Research
WES..... Waterways Experiment Station
WET Wetland Evaluation Technique
WFL Western Federal Lands
WHI Western Highway Institute
WiFi Wireless Fidelity
WIM..... Weigh-in-Motion
WS..... Weigh Station
WTI Western Transportation Institute

Z

ZAC..... Zone Access Control
ZEV Zero Emission Vehicle